



Squad Stove

What It Is:

You're on your own on a long-range surveillance mission: how do you cook your rations or heat water for drinking and cleaning? The answer is the squad stove, a portable stove used by soldiers in remote locations.

Why It's Needed:

The old M1950 squad stove ran on gasoline — and then became obsolete when the military's tactical vehicles all were converted to diesel and JP-8 fuels. Gasoline was no longer readily available and was, in any case, explosive and therefore a safety hazard. Another concern: the U.S. military moves into many remote regions where the standard fuels — such as white gas or propane used in the common camping stove — can't be found. A new squad stove was needed that would run on diesel or JP-8 fuel.

How It Works:

The new, state-of-the-art stoves used in outdoor expeditions meet the military's criteria for a stove that is easy to preheat, lightweight, has safe flame regulation, is stable on uneven terrain, and most importantly can burn diesel and JP-8 fuel. The fuel bottle can also be detached from the stove (a key safety feature).

Benefits:

Light Weight...These stoves are compact, averaging 25 ounces including the stove, the empty fuel bottle, the pump and all accessories.

Low Cost...Adapting available commercial items reduces our logistics costs.

Remote Support...The stoves help soldiers sustain themselves more independently — and more safely — in the field.

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rev 10-19-01